

Expenditure per Day of Community Inpatient

Operational Definition: Average annual expenditure per day of inpatient service

Operational Measures: The number of dollars spent on inpatient mental health services (community hospitals, E&Ts) by RSNs in a Fiscal Year divided by the total number inpatient days (community hospitals, E&Ts) by RSN in a Fiscal Year.

Formula:

$$\frac{\text{Number of dollars spent on inpatient mental health services in the Fiscal Year by RSN}}{\text{Number of inpatient days in the Fiscal Year by RSN}}$$

Discussion: Cost data are broad estimates of the costs of services provided. Cost indicators can be used to understand trends in resource allocation, to demonstrate relative levels of effort and resource availability, and to assess the financial viability of agencies within the public mental health system. They can be combined with other indicators to understand trends in system-level change across time. Revenue and Expenditure reports do not break out funds by age or ethnic groups, therefore, these break outs are not reported. The average cost of a day of inpatient services has increased across the 3 Fiscal Years.

Data Notes:

- Evaluation and Treatment (E&T) services are only provided by Peninsula, King, North Sound RSN and Thurston-Mason RSN. Thurston-Mason opened their Adult E & T in 2005. Peninsula has an adolescent E&T. King and North Sound have adult E&Ts.
- The source for E&T data is the standard institutional transaction (837i) that is submitted to the Mental Health Division (MHD) by the Regional Support Networks.
- The source for Community Hospital data is the Medical Assistance Administration (MAA) paid claims file. State Hospitals & CLIP are not included.
- The Community Hospital data is processed to include the MHD RSN Dispute Resolution table. This table tracks changes to the RSN which is assigned the Community Hospital episode. The most recent RSN assigned to the hospital episode is used.
- Due to a data processing change data for Puget Sound Behavioral Health the number of people served in community inpatient settings for Pierce RSN are underreported in 2003 and 2004.
- Dollar amounts are taken from RSN Revenue and Expenditure Reports. In FY03 and FY04, expenditures are calculated from all inpatient expenditures. In FY05, expenditures are calculated from all inpatient treatment expenditures and includes the Freestanding Evaluation and Treatment expenditures under outpatient treatment.
- The cost of construction for Thurston Mason's evaluation and treatment center was not included in Thurston Mason's inpatient expenditures.

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Calc. SAS 05/31/06

RSN	FY03			FY04			FY05		
	# IP Days	Total Cost of IP Services	Average Annual Cost per Day of IP Service	# IP Days	Total Cost of IP Services	Average Annual Cost per Day of IP Service	# IP Days	Total Cost of IP Services	Average Annual Cost per Day of IP Service
Northeast	787	\$168,495	\$214	615	\$269,841	\$439	774	\$192,997	\$249
Grays Harbor	775	\$409,592	\$529	1,079	\$280,653	\$260	1,203	\$426,377	\$354
Timberlands	698	\$223,546	\$320	1,075	\$313,720	\$292	1,025	\$330,939	\$323
Southwest	3,366	\$1,220,712	\$363	2,597	\$1,514,374	\$583	2,044	\$1,529,568	\$748
Chelan / Douglas	1,134	\$357,029	\$315	1,062	\$507,411	\$478	853	\$647,558	\$759
North Central	1,388	\$603,775	\$435	1,297	\$827,218	\$638	1,350	\$602,463	\$446
Thurston / Mason	3,391	\$1,158,743	\$342	4,285	\$1,141,085	\$266	4,364	\$1,170,786	\$268
Clark	3,387	\$1,314,520	\$388	3,655	\$1,194,682	\$327	4,104	\$1,200,662	\$293
Peninsula	9,448	\$3,651,036	\$386	9,561	\$3,501,792	\$366	9,083	\$3,826,532	\$421
Spokane	10,434	\$3,640,108	\$349	10,709	\$4,609,506	\$430	8,248	\$6,691,002	\$811
Greater Columbia	7,827	\$3,720,983	\$475	8,037	\$3,937,764	\$490	7,318	\$5,020,335	\$686
Pierce	11,024	\$8,241,496	\$748	13,729	\$6,611,353	\$482	13,943	\$9,579,757	\$687
North Sound	23,243	\$9,375,790	\$403	23,975	\$10,931,733	\$456	25,606	\$10,660,973	\$416
King	47,481	\$15,651,048	\$330	44,983	\$18,326,839	\$407	40,922	\$20,081,619	\$491
Statewide	128,971	\$49,736,873	\$386	132,841	\$53,967,971	\$406	122,500	\$61,961,568	\$506

